<u>LISTING OF THE CLAIMS:</u>

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1  1. (Currently amended)  A system for pervasive enablement of business processes,
2  comprising:
3      a workflow engine that executes a business process model;
4      a context service that allows context-aware applications to obtain user
5  context information;
6      an interaction controller that <u>acts as a proxy for one or more human</u>
7  <u>participants in a workflow and</u>
8          receives specification of individual staff activities from the
9  workflow engine, and
10         upon receiving a staff activity specification,
11             obtains context information of a partner instance from the
12 context service to determine an appropriate collaboration modality for the partner
13 instance, and
14             forwards the engine responses from human partners back to
15 the workflow engine, thereby handling individual interactions with human
16 participants; and
17     one or more modality adapters that encapsulate details of communicating
18 with a specific collaboration modality <u>to receive a task from the interaction</u>
19 <u>controller and deliver the task to said partner instance in a modality-specific</u>
20 <u>format</u>.

1  2. (Original)  The system in Claim 1, wherein the context service provides
2  dynamic context information about human participants.

1    3. (Currently amended)  The system in Claim 2, wherein said dynamic context

2    information includes a human ~~participants'~~ participant's location, activity,

3    connectivity and preferences.


1    4. (Original)  The system of Claim 2, wherein the context service supports both

2    synchronous query and asynchronous callback context functions.


1    5. (Original)  The system in Claim 1, further comprising an address book that

2    maps individual IDs to modality-specific addresses, the interaction controller

3    accessing the address book to look up a modality-specific address.


1    6. (Original)  The system in Claim 1, wherein the modality adapters include the

2    adapters for instant messaging, email, e-meeting, discussion threads, phones,

3    pagers, and other communication devices.


1    7. (Currently amended)  A method for pervasive enablement of business

2    processes, comprising the steps of:

3            using a workflow engine that executes ~~executing~~ a business process

4    model;

5            ~~storing user context information;~~

6            using a context service to provide said workflow engine with user context

7    information;

8            receiving specification of individual staff activities from the workflow

9    engine to an interaction controller that acts as a proxy for one or more human

10   participants in a workflow;

11           obtaining context information of a partner instance from the context

12   ~~information~~ service to determine an appropriate collaboration modality for the

13     partner instance;

14         directing human tasks to one of a plurality of modality adapters, each of

15     which is adapted to exchange data with said human participants in a

16     modality-specific manner <u>to receive a task from the interaction controller and</u>

17     <u>deliver the task to said partner instance in a modality-specific format</u>; and

18         gathering responses from human participants via said modality adapter.


1     8. (Original)  The method in Claim 7, further comprising the step of mapping

2     individual IDs to modality-specific device addresses.


1     9. (Original)  The method in Claim 7, wherein said directing step is based on an

2     explicit command when instantiating the business process model.


1     10. (Original)  The method in Claim 7, wherein said directing step is based on

2     dynamic context information on said human participant.


1     11. (Currently amended)  The method in Claim 10, wherein said dynamic context

2     information includes a human ~~participants'~~ <u>participant's</u> location, activity,

3     connectivity and preferences.


1     12. (Original)  The system of Claim 10, wherein the directing step supports both

2     synchronous query and asynchronous callback context functions.